



**Item Name :** Endocrine System

**Item Code :** 4228.2008.01

**Item Description :**

1. Typical Endocrine Glands

a. Pituitary Gland-Master gland of the body, It has two lobes, Present at the base of brain in form of a protrusion, Secretes 9 different major hormones

b. Thyroid Gland-One of the largest glands of body, Found in neck below the thyroid cartilage, Mainly controls body metabolism, Secretes 3 different hormones

c. Parathyroid Glands-Four in number, located behind the thyroid gland, produce parathormone

d. Adrenal Glands-Found attached to the kidneys, Consists of two parts; Cortex and Medulla, Adrenal cortex produces 3 different hormones and adrenal medulla produces 4 different hormones

2. Organs with Secondary endocrine function

a. Pancreas-Primarily an organ of digestive system, produces 4 different hormones including Insulin and Glucagon

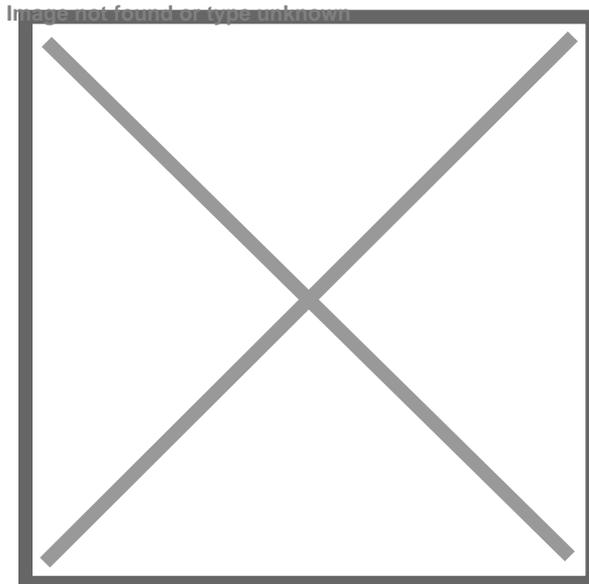
b. Gonads- Primarily organs of reproductive system, Testes in males produce testosterone, Ovaries in females produce Estrogens and Progesterone

c. Liver- Primarily a metabolic organ of human body, produces 3 different types of hormones

d. Kidneys- Primarily an organ of Excretory system, Produces 4 different types of hormones

3. Functions- Generally it parallels the associates the nervous system in control of body activitie, Each hormone has a specific function,

**Item Image :**



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# 44, Vikas puri, P.O.Ind.Estate, Jagadhri Road,  
A/Cantt-133 006. Haryana, India.

+0171 – 2698107

info@glacierindia.com

<https://www.glacierindia.com>